

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 5150  
Name: COLT ENERGY, INC  
Address 1: PO BOX 388  
Address 2: 1112 RHODE ISLAND RD  
City: IOLA State: KS Zip: 66749 + 0388  
Contact Person: DENNIS KERSHNER  
Phone: ( 620 ) 365-3111  
CONTRACTOR: License # 33606  
Name: THORNTON AIR ROTARY, LLC  
Wellsite Geologist: JIM STEGEMAN  
Purchaser: ONE OK

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
11/27/2009 11/30/2009 NOT COMPLETED  
Spud Date or Date Reached TD Completion Date or Recompletion Date

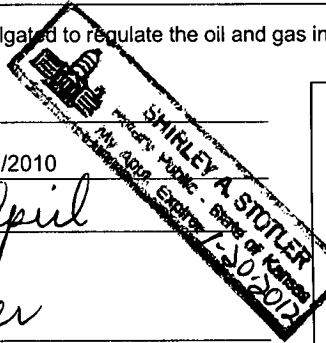
API No. 15 - 125-31893-00-00  
Spot Description: \_\_\_\_\_  
NW SW SE SW Sec. 31 Twp. 33 S. R. 17  East  West  
400 Feet from  North /  South Line of Section  
1330 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: MONTGOMERY  
Lease Name: O'BRIEN FARMS Well #: 13-31  
Field Name: CHEROKEE BASIN COAL AREA  
Producing Formation: PENNSYLVANIAN COALS  
Elevation: Ground: 734 Kelly Bushing: ----  
Total Depth: 1064 Plug Back Total Depth: 1052.95  
Amount of Surface Pipe Set and Cemented at: 40.9 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1064  
feet depth to: SURFACE w/ 135 APIZ-Dg - 5/5/10 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: PIT HAS NOT BEEN FILLED  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: COLT ENERGY, INC  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.  
Signature: Dennis Kershner  
Title: OFFICE MANAGER Date: 4/30/2010  
Subscribed and sworn to before me this 29th day of April  
20 10  
Notary Public: Shirley A Stotler  
Date Commission Expires: 1-20-2012



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: RECEIVED  
 Wireline Log Received  
 Geologist Report Received MAY 03 2010  
 UIC Distribution  
KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: COLT ENERGY, INC Lease Name: O'BRIEN FARMS Well #: 13-31  
 Sec. 31 Twp. 33 S. R. 17  East  West County: MONTGOMERY

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: GAMMA RAY/NEUTRON LOG DUAL INDUCTION LOG HIGH RESOLUTION COMPENSATED DENISTY LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum DRILLERS LOG ENCLOSED
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	26	40.9	CLASS "A"	40	
PRODUCTION	7 7/8	5 1/2	14	1052.95	THICK SET	135	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	450-453, 485-488	250GAL 30% HCL 4400# 20/40 BRADY SAND	450-488
4	518-520, 522-524, 536-539, 584-586	200GAL 30% HCL 6000# 20/40 BRADY SAND	518-586
4	944-948	100GAL 30% HCL 6000# 20/40 BRADY SAND	944-948

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <b>NOT COMPLETED</b>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC



**ENTERED**

TICKET NUMBER 23822

LOCATION FUREKA

FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-1-09	1828	O'Brien 13-31				MO
CUSTOMER <u>Colt Energy</u>		Gus Jones	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 388</u>			520	Cliff		
CITY <u>Iola</u>			515	Chris		
STATE <u>KS</u>	ZIP CODE					

JOB TYPE longstrut HOLE SIZE 7 7/8" HOLE DEPTH 1064' CASING SIZE & WEIGHT 5 1/2"  
 CASING DEPTH 1053' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 3' SJ  
 SLURRY WEIGHT 13.7 # SLURRY VOL 42 bbl WATER gal/sk 8.0 CEMENT LEFT In CASING 0'  
 DISPLACEMENT 25.6 bbl DISPLACEMENT PSI 600 ~~BUY~~ PSI 1100 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 5 1/2" casing. Break circulation w/ 75 BW fresh water. Pump 8 ses gel-flush, 5 bbl water spacer, 20 bbl metasilicate pre-flush, 16 bbl dye water. Mixed 135 ses thickset cement w/ 8" Katseal #1/4 @ 13.4 #/gal washout pump + lines shut down, release plug. Displace w/ 25.6 bbl fresh water. Final pump pressure 600 PSI. Bump plug to 1100 PSI. Wait 2 minutes, release pressure, float held. Good cement returns to surface. 7 bbl slurry to pit. Job complet. Rig down.

*Thank You*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	40	MILEAGE	3.45	138.00
1126A	135 ses	thickset cement	16.00	2160.00
1110A	1070 #	8" Katseal #1/4	.39	421.20
1118A	400 #	gel-flush	.16	64.00
1102	80 #	COAL	.71	56.80
1111A	100 #	metasilicate pre-flush	1.70	170.00
5407A	7.43	ten mile long bull tire	1.16	344.75
4406	1	5 1/2" top rubber plug	58.00	58.00
			Sub total	4282.75
			SALES TAX	155.28
			ESTIMATED TOTAL	4438.03

Ravin 3737 032244  
 AUTHORIZATION witnessed by Glenn TITLE C. G. DATE \_\_\_\_\_

Air Drilling  
Specialist  
Oil and Gas Wells

# THORNTON AIR ROTARY, LLC

Office Phone: (620) 879-2073

P.O. Box 449  
Caney, KS 67333

Operator	COLT ENERGY	Well No.	13-31	Lease	O BRIEN FARMS	Loc.	1/4	1/4	1/4	Sec.	31	Twp.	33	Rge.	17
		County	MONTGOMERY	State	KS	Type/Well		Depth	1064'	Hours		Date Started	11-27-09	Date Completed	11-30-09
Job No.	Casing Used	Bit Record				Corrign Record									
	40' 9"	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.			
Driller	Cement Used														
BILLY															
Driller	Rig No.														
Driller	Hammer No.														

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## Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	26	MUD	488		GAS TEST SAME	949		GAS TEST 8# 3/8"			
26	60	SHALE	500	516	SHALE	954	995	LIME			
60	68	BLK SHALE	516	518	COAL	964		GAS TEST 7# 3/8"			
68	70	LIME	518	524	SHALE	995	1003	GREY LIME			
70	73	SHALE	524	525	BLK SHALE	1003	1026	BROWN LIME			
73	75	LIME	538		GAS TEST SAME	1026	1064	GREY LIME			
75	130	SHALE	525	538	SAND	1064		GAS TEST SAME			
130	138	LIME	538	541	SHALE						
138	143	SAND	541	542	COAL			T.D. 1064'			
143	166	SHALE	542	574	SHALE						
166	167	COAL	563		GAS TEST SAME						
167	173	SHALE	574	575	LIME						
173	180	LIME	575	586	SHALE						
180	185	SHALE	586	587	COAL						
185	196	LIME	587	612	SHALE						
196	215	SHALE	613		GAS TEST SAME						
215	223	SAND	612	618	SAND						
223	325	SHALE	618	673	SHALE						
325	345	LIME	673	708	SAND						
345	352	BLK SHALE	713		GAS TEST SAME						
352	353	COAL	708	735	SANDY SHALE						
353	378	SHALE	735	760	SAND						
363		GAS TEST NO GAS	760	785	SHALE						
378	398	SAND	788		GAS TEST SAME						
398	415	SANDY SHALE	785	870	SAND						
415	448	LIME	870	886	SHALE						
448	453	BLK SHALE	886	887	COAL						
453	482	LIME	887	944	SHALE						
463		GAS TEST SLIGHT BLOW	889		GAS TEST SLIGHT BLOW						
482	486	BLK SHALE	944	945	COAL						
486	500	LIME	945	954	SHALE						